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(Equivalent)**

**U.S. Department of Commerce  
Patent and Trademark Office**

**U.S. Application Serial No.**  
**10/803,352**

Atty. Docket No.  
AM-4913.C1

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Andres Fernandez et al.  
Applicants

March 18, 2004  
Filing Date

2881  
Group

## **U. S. PATENT DOCUMENTS**

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
<u>BES</u>	4,390,789	06/28/83	Smith et al. *	250	492.2	
<u>BES</u>	4,460,831	07/17/84	Oettinger et al. *	250	492.2	
<u>BES</u>	4,639,638	01/27/87	Purcell et al. *	313	534	
<u>BES</u>	4,694,178	09/15/87	Harte *	250	396 R	
<u>BES</u>	4,788,514	11/29/88	Fox	332	7.5	
<u>BES</u>	4,820,927	04/11/89	Langner et al. *	250	492.2	
<u>BES</u>	5,038,072	08/06/91	Beghin	313	370	
<u>BES</u>	5,359,45	10/25/94	Gelbart et al.	339	283	<i>not considered</i>
<u>BES</u>	5,386,221	01/31/95	Allen et al.	346	108	
<u>BES</u>	5,533,570	07/02/96	Teitzel et al.	395	108	
<u>BES</u>	5,684,360	11/04/97	Baum et al. *	313	542	
<u>BES</u>	5,729,022	03/17/98	Veneklasen et al. *	250	396 ML	

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Examiner	Date Considered
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Brown Sow 03/04/05

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Cited during the prosecution of the parent application, U.S. Application Serial No. 10/055,869.

## **U. S. PATENT DOCUMENTS**

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
BES	5,814,821	09/29/98	Reusch et al.	250.	492.3	
REI	5,960,013	09/28/99	Sheffield *	372	2	

## FOREIGN PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Translation (If Appropriate)</u>
<u>BES</u>	WO 98/48443	10/29/98	Wiesner et al.	H01J	37/30	
<u>BES</u>	WO 99/03016	01/21/99	Yao et al.	G02F	1/11	
<u>BES</u>	WO 99/03022	01/21/99	Tamkin et al.	G03F	7/20	
<u>BES</u>	WO 99/47978	09/23/99	Berglund et al.	G03F	7/20	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

- 68 \* H. Bluem et al., "Photocathode Electron Source Development at Advanced Energy Systems",  
— Proceedings of EPAC 2000, Vienna, Austria, pp. 1639 - 1641 (Sept 2000).

69 \* A. di Bona et al., "Auger and x-ray photoemission spectroscopy study on Cs<sub>2</sub>Te photocathodes",  
— J. Appl. Phys., Vol. 80, No. 5, pp. 3024 - 3030 (Sept 1996).

69 \* A. di Bona et al., "Formation of the Cs<sub>2</sub>Te Photocathode: Auger and Photoemission Spectroscopy  
Study", Proc. EPAC 2000 Conference, Vienna, Austria (Sept 2000).

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L. N. Dinh et al., "Synthesis and characterization of Si/Cs/O nanocluster thin films with negative electron affinity", Physical Review B, Vol. 59, No. 23, pp. 15513 - 15522 (1999).

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S. H. Kong et al., "Cesium telluride photocathodes", J. Appl. Phys., Vol. 77, No. 11, pp. 6031 - 6038 (1995).

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\* B. K. Singh et al., "CsBr and CsI UN photocathodes: new results on quantum efficiency and aging", Nucl. Instr. & Meth., A454, pp. 374 - 378 (2000).

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\*\* C. Travier et al., "Candela Photo-Injector Experimental Results With a Dispenser Photocathode", Proc. EPAC 2000 Conference, Vienna, Austria (Sept 2000).

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\*\* JLAB Monthly Report IR Demo FEL Upgrade and Commissioning Project, June 1998.

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\*\* IBM Technical Bulletin No. NB8910279, "Improving Brightness and Current of Photoelectron Lithography" (Oct 1989).

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